EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	"6390130"	US-PGPUB; USPAT	ADJ	ON	2008/07/28 13:12
S2	1	"6390130".PN.	US-PGPUB; USPAT	OR	OFF	2008/07/28 13:13
S3	1	"6110141".PN.	US-PGPUB; USPAT	OR	OFF	2008/07/28 13:13
S4	1	(("6749582" or "2004249340" or "2003204164").PN.	US-PGPUB; USPAT	OR	OFF	2008/07/28 13:14
S5	3	(("6749582" or "20040249340" or "20030204164")).PN.	US-PGPUB; USPAT	OR	OFF	2008/07/28 13:14
S6	1	"5025829".PN.	US-PGPUB; USPAT	OR	OFF	2008/07/28 13:15
S7	4367	604/30,73,74,167.01-167.03,236,237,241,256,322-326,346,533,537,905.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/07/28 14:20
S8	99	(("20010038799" or "20030004459" or "20030176817" or "20030204164" or "20040116902" or "20040158199" or "20040199107" or "20040249340" or "20050015045" or "20050159701" or "20050192668" or "20050224443" or "20060263112" or "20060011239" or "20060069403" or "20060111664" or "20060184100" or "20060276745" or "20070068890" or "20070078363" or "20070093893" or "20070179439" or "20070292276" or "3663968" or "3919724" or "4070237" or "4263682" or "4311141" or "4327742" or "4335751" or "4392663" or "4473091" or "4489751" or "4505398" or "4517994" or "4531518" or "4545491" or "4583970" or "4813932" or "4826501" or "4886494" or "4933116" or "4950292" or "5019101" or "5231831" or "5295957" or "5358476" or "5415632" or "5456716" or "5505226" or "5509736" or "5545221" or "5568886" or "5584581" or "5669395" or "5725506" or "5747083" or "5749850" or "5772078" or "5776098" or "5823852" or "5843029" or "5882353" or "5885230" or "5941847" or "5997486" or "6007497" or "6034845" or "6045529" or "6083262" or "6090065" or "6099566" or "6110141" or "6149395" or "6152896" or "6162187" or "6189798" or "6210360" or "6210360" or "6233767" or "6257847" or "6270474" or "6315796" or "6355115" or "6364961" or "6461324" or "6475753" or "6588613" or "6654629" or "6706012" or "6749582" or "6818162" or "6964651" or "6974439" or "6997897" or "7008400" or "7048724" or "7137995" or "7255681" or "RE32743")).PN.	US-PGPUB; USPAT	OR	OFF	2008/07/28 14:52
S9	4	"5071403".PN. OR ("6110141".URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 15:32
S10	14	("2758609" "3084707" "3270771" "4712583" "5025829" "5617897" "5727594" "5771935" "6089272").PN. OR ("6390130".URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 15:33
S11	31	("2497906" "2758609" "3176712" "3827456" "4593720" "4712583").PN. OR ("5025829".URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 15:43

S12	21	"3633605" | "4237880" | "4241756" | "4343305" | "4534764" | "4846215" | "4966199" | "5025829" | "5453097" | "5520661" | "5617897". PN. OR ("5771935").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 15:49
S13	4	"5071403".PN. OR ("6110141").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 15:53
S14	14	"2758609" | "3084707" | "3270771" | "4712583" | "5025829" | "5617897" | "5727594" | "5771935" | "6089272".PN. OR ("6390130"). URPN	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 15:53
S15	90	"0316584" | "0532236" | "0684078" | "0956325" | "0975047" | "1113942" | "1184631" | "1460927" | "1644257" | "1670610" | "2060063" | "2222811" | "2419795" | "2522108" | "2542505" | "2545857" | "3233607" | "3382867" | "3587567" | "3738363" | "3782385" | "3797734" | "3822703" | "3830238" | "3911920" | "3977405" | "4249481" | "4263912" | "4311141" | "4323067" | "4501585" | "4573969" | "4583970" | "4634430" | "4673888" | "4680028" | "4705504" | "4759747" | "4775366" | "4794915" | "4799922" | "4799924" | "4799925" | "4813932" | "4857051" | "4883464" | "4929229" | "4950236" | "4961726" | "5007899" | "5009638" | "5049126" | "5100406" | "5178095" | "5218924" | "5295957" | "5304129" | "5356398" | "5358476" | "5368583" | "5749850" | "5843029" | "5885246" | "5941847" | "6050432" | "6116780" | "6152896" | "D406348".PN. OR ("6749582").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 15:55
S16	223	S7 and breast and (valve or diaphragm)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 16:07
S17	11	S7 and breast and valve seat	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 16:08
S18	76	S7 and (opening or aperture or vent) with (offset or stagger$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 16:17
S19	80	604/237.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/12 09:04
S20	30	"3767085" | "4359049" | "4610666" | "4689042" | "4755169" | "4795433" | "4978336" | "4979942" | "5116315" | "5147323" | "5199949" | "5240146" | "5253785" | "5271527" | "5286258" | "5298023" | "5314412" | "5329976".PN. OR ("5478323").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 09:42
S21	1226	137/859,512.15.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 10:27
S22	5	"3373743" | "4112924" | "5478323" | "5626567".PN. OR ("6508792").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 10:28
S23	1	"5792153").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 10:39
S24	599	137/859.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 10:52

S25	5403	604/246,247,248,249,256,30,32,33,167.01,167.02,167.03,236,237,322,323,324,326,73,74,75,76,346.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 10:53
S26	807	604/73,74,75,76,346.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 10:53
S27	398	S26 and (diaphragm or flange or valve)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 10:54
S28	4	("5071403").PN. OR ("6110141").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 11:20
S29	1310	137/859,852,843.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 11:52
S30	572676	"29" and openings	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 14:07
S31	1310	137/859,852,843.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 14:07
S32	293	S31 and openings	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 14:07
S33	661	137/512.15.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 14:08
S34	84	S33 and diaphragm	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 14:09
S35	476	valve and openings with t-shaped	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 14:54
S36	190	valve same openings with t-shaped	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 14:54
S37	1	("5025829").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 15:07

S38	3	(("6390130") or ("6110141") or ("6749582")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 15:08
S39	14	("2758609" | "3084707" | "3270771" | "4712583" | "5025829" | "5617897" | "5727594" | "5771935" | "6089272").PN. OR ("6390130").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 15:09
S40	807	604/73,74,75,76,346.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 15:11
S41	0	S40 and no-autoclavable	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 15:12
S42	1	S40 and non-autoclavable	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 15:12
S43	22	S40 and autoclav$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 15:12
S44	3605	breast and autoclav$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 15:23
S45	108477	breast pump and autoclav$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 15:23
S46	892	breast pump and autoclav$4	US-PGPUB; USPAT; USOCR	AND	OFF	2008/08/12 15:23
S47	1	breast pump and non-autoclav$4	US-PGPUB; USPAT; USOCR	AND	OFF	2008/08/12 15:24
S48	10	breast and non-autoclav$4	US-PGPUB; USPAT; USOCR	AND	OFF	2008/08/12 15:24
S49	471	137/859	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 11:27
S50	599	137/859.ccls.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 11:29

S51	335	S50 and opening	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 11:29
S52	631	slit with t-shaped	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 13:03
S53	2	S52 and "137".clas.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 13:03
S54	242	slit near2 t-shaped	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 13:03
S55	181	slit near1 t-shaped	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 13:03
S56	10242	"631" and valve	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 13:04
S57	54	S52 and valve	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 13:04
S58	266	(slit or opening) near2 t-shap$3 and valve	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 13:08
S59	1060	opening with foot with bar	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 13:13
S60	10	opening with foot with bar with t-shap$3	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 13:13
S61	123	opening with foot with bar and valve	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 13:14
S62	65	opening with foot with bar same (valve or diaphragm)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 13:14
S63	1	("4402342").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/13 13:18

S64	7	("0921892"	"3286727").PN. OR ("4402342").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 13:18
S65	4	("3286727").URPN.	USPAT	ADJ	OFF	2008/08/13 13:20
S66	12	("1302084" | "1385147" | "2604296" | "3286727" | "3310066").PN. OR ("3903921").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 13:22
S67	7787	(opening or slit) near2 (t-shap$3 or (cross near2 shap$3))	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 13:39
S68	143	S67 and "137".clas.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 13:40
S69	661	137/512.15.ccls.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 14:12
S70	467	137/843.ccls.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 14:12
S71	286	137/852.ccls.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 14:12
S72	1380	S69 or S70 or S71	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 14:12
S73	727	S72 and opening	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 14:12
S74	0	"2004087898"	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 14:44
S75	2	(("2004087898") or ("6461324") or ("2003230351") or ("6110140")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/13 14:44
S76	4	(("20040087898") or ("6461324") or ("20030230351") or ("6110140")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/13 14:45
S77	529	251/358.ccls.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 16:00

S78	8	S77 and t-shap$3	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 16:00
S79	996	t-shaped opening	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 16:13
S80	139	S79 and (valve or diaphram or diaphragm)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 16:14
S81	26	S79 with (valve or diaphram or diaphragm)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 16:14
S82	176	valve with slit near2 cross$3	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 16:44
S83	235	valve with slit near2 (cross$3 or intersect$3)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 16:44
S84	467	137/843.ccls.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 17:31
S85	286	137/852.ccls.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 17:54
S86	599	137/859.ccls.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 18:17
S87	2	("20030153869") or ("6287521")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 07:29
S88	972	137/599.01.ccls.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/14 07:48
S89	23	("0259682" | "1350610" | "2615675" | "3194262" | "3646957" | "4141379" | "4175794" | "4210370" | "4690465" | "4705324" | "4765693" | "4813448").PN. OR ("5141298").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/14 07:57
S90	1	("5843029").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 08:34

S91	86	"0790051" | "0793940" | "0897269" | "1484874" | "1509226" | "1596520" | "1880354" | "2209424" | "2303393" | "2558479" | "3424486" | "3637129" | "3695266" | "3728385" | "3738363" | "3782385" | "3822703" | "3911920" | "3921249" | "3977405" | "4020838" | "4033346" | "4263911" | "4263912" | "4573969" | "4583970" | "4673388" | "4680028" | "4759747" | "4799922" | "4813932" | "4857051" | "4892517" | "4929229" | "4954054" | "4961726" | "4964851" | "4966303" | "4998915" | "5007899" | "5009638" | "5049126" | "5071403" | "5188610" | "5241969" | "5277557" | "5295957" | "5304129" | "5358476" | "5408919" | "5415632" | "5662268" | "D251015" | "D283732" | "D295896" | "D299537" | "D307478" | "D309500" | "D313103" | "D326319" | "D326516" | "D345209").PN. OR ("5843029").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/14 08:34
S92	9622	valve with notch	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/14 08:44
S93	7	valve with jacket with notch	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/14 08:46
S94	1054	(diaphram or diaphragm) with notch	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/14 08:47
S95	2	("5104093") or ("5381563")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 08:47
S96	97	cross-shaped openings	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/14 08:55
S97	110	cross shaped openings	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/14 09:02
S98	2	three branch shaped openings	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/14 09:03
S99	0	three branch shap$3 opening	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/14 09:04
S100	372	604/29.ccls.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/14 13:14
S101	453	604/30.ccls.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/14 13:22
S102	6	("3833147") or ("4610665") or ("5336203") or ("5897033") or ("5904275") or ("6352520")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 13:45
S103	4	("4680028") or ("4799922") or ("6267521") or ("20030153869")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 14:30

S104	4	(("3411669") or ("5025829") or ("5360413")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 14:30
S105	1	("4345619").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 14:31
S106	3	(("3827456") or ("5360413") or ("4345619")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 14:31
S107	1	("20070173756").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/18 13:54
S108	702	604/73-76.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:13
S109	325	S108 and breast	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:14
S110	354	604/74.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:14
S111	98	604/75.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:14
S112	73	604/76.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:14
S113	225	604/73.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:14
S114	19	S113 and breast	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:14
S115	498	S110 or S111 or S112 or S114	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:14
S116	17	S115 and autoclav$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:14

S117	1	S115 and non-autoclav$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:15
S118	0	S115 and cannot with autoclav$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:15
S119	176	604/346.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:20
S120	65	S119 and breast	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:20
S121	531	S120 or S115	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:20
S122	10	S121 and dead	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:21
S123	521	S121 not S122	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:23
S124	267	604/236.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:48
S125	80	604/237.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:48
S126	940	604/246.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:49
S127	654	604/247.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:49
S128	839	604/256.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:49
S129	2591	S124 or S125 or S126 or S127 or S128	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:51

S130	1923	S129 and (valve or diaphram or diaphragm)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:51
S131	396	S129 and (diaphram or diaphragm)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:51
S132	663	137/512.15.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 15:05
S133	473	137/843.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 15:05
S134	289	137/852.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 15:05
S135	604	137/859.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 15:05
S136	1931	S132 or S133 or S134 or S135	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 15:05
S137	429	S136 and (diaphram or diaphragm)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 15:08
S138	22	S137 and thinner	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 15:18
S139	2	("3827456") or ("7302962")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/18 16:23
S140	1	("6390130").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/18 17:14
S141	520	604/74-76.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/30 09:23

EAST Search History (Interference)

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6/30/2010 12:18:16 PM

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